



Bull NovaScale Master

An integrated management
solution



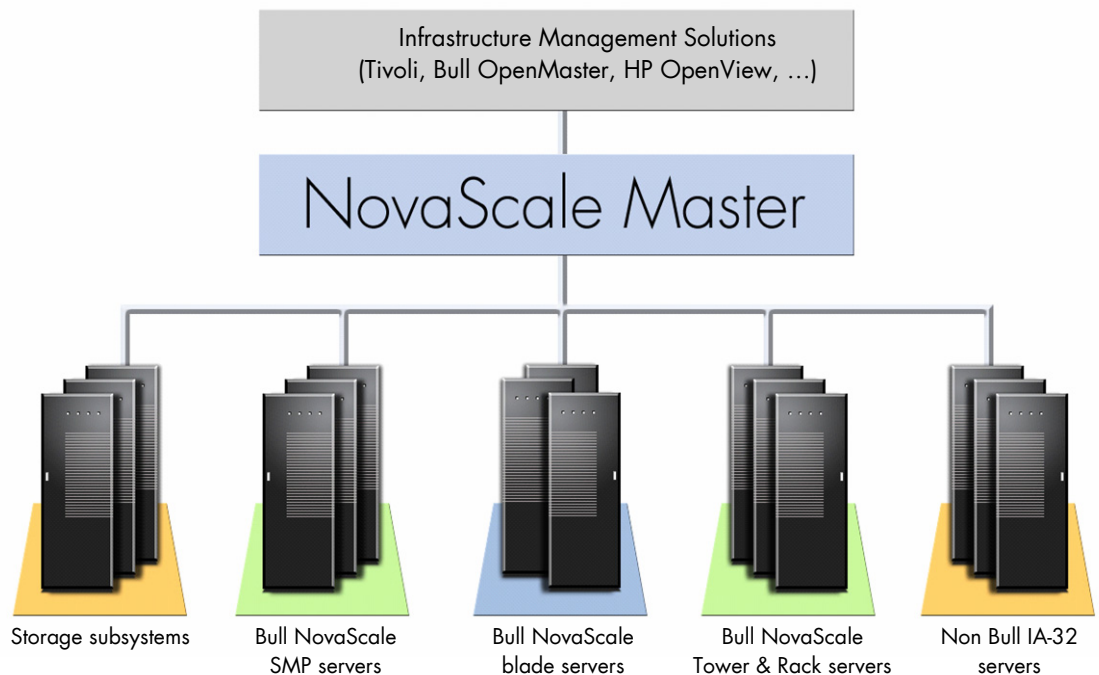
Architect of an Open World™





Managing the growing complexity in enterprise data centers is time-consuming and expensive, a major challenge for IT departments whose objectives are to reduce the total cost of ownership (TCO).

NovaScale Master is designed to simplify the management of Bull Intel-based and storage servers and to enhance the system availability and performance. Thanks to its openness combined with an easy integration and deployment flexibility a larger number of servers can be managed in heterogeneous environments with a lower cost per managed system.



an integrated management solution

Seamless integration

Thanks to a three-tier architecture and the use of OpenSource components, enhanced, tested and supported by Bull, NovaScale Master can be easily integrated in enterprise large management platforms such as: Bull OpenMaster , HP Openview,

CA Unicenter and Tivoli through CIM (Common Information Model) and SNMP (Simple Network Management Protocol) forwarding mechanisms, thereby guaranteeing the enterprise investment protection.

NovaScale Master

a scalable management solution

Lowering the Total Cost of Ownership

Thanks to the NovaScale openness combined with an easy integration and deployment flexibility a larger number of servers can be managed in heterogeneous environments while lowering the cost per managed system. Moreover, NovaScale Master is able to manage any type of hardware platform running Linux or Windows to further drive down system management costs and protect the existing enterprise investments.

Its architecture enables remote management thus improving the management flexibility. In addition, through Bull Télé-Services (BTS), NovaScale Master provides advanced remote management and 24/24 7/7 service.

A powerful and scalable management solution

NovaScale Master is an open solution designed to meet the growing needs of the enterprise. It provides monitoring and administration functions:

- **the monitoring functions** provide an interface that gives a synthetic view of the hardware condition.

They detect the anomalies and notify them to the concerned entities.

NovaScale Master receives automatically all events generated by operating systems (Microsoft® Windows® or Linux®) and hardware managers. In case hardware or software thresholds are reached, the administrator is automatically notified by e-mail, pager, phone call or CIM and SNMP traps.

- **the administration functions** are used to configure target hosts and to execute actions on these hosts.

With NovaScale Master, the administrator is able to view and track the hardware configuration, even at every Bull NovaScale partition level.

NovaScale Master provides secured access to remote systems and controls the use and performance of critical elements such as processors, disks and memory, regardless of the operating system. NovaScale Master is designed to provide a proactive self management in order to cut down operational costs and maximize uptime.

NovaScale Master

Simplifying the Data Center Management



- ▶ Event handling
- ▶ Monitoring
- ▶ Inventory
- ▶ Role-based management
- ▶ OS control

A single control point for all Bull Intel-based servers

A simplified management

NovaScale Master is a management solution designed for all Bull Intel-based servers i.e. Intel® Xeon™-based NovaScale Tower & Rack and NovaScale Blade servers as well as SMP NovaScale servers based on Intel® Itanium®2 processors

and Bull FDA/FRA and EMC CX storage solutions.

NovaScale Master provides a single entry point to manage servers as well as storage subsystems. It delivers powerful tools for Microsoft® Windows® and Linux® environments.

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